

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011921AL\
 Data File : FD036113.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2021 15:09
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 20 00:16:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.526	2989514	20.167 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	12.958	2322562	19.745 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T n-Nonane (C9)	3.316	2954260	22.916 ug/ml
2) T n-Decane (C10)	4.379	2994190	23.011 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3314354	22.631 ug/ml
4) T n-Dodecane (C12)	6.392	3040821	22.867 ug/ml
5) T A~2-methylnaphthalene...	7.011	3360219	22.372 ug/ml
6) T n-Tetradecane (C14)	8.180	2998678	22.440 ug/ml
7) T n-Hexadecane (C16)	9.775	2871338	21.695 ug/ml
8) T n-Octadecane (C18)	11.212	2894872	21.040 ug/ml
10) T n-Eicosane (C20)	12.516	2805740	20.307 ug/ml
11) T n-Heneicosane (C21)	13.126	2739877	19.827 ug/ml
13) T n-Docosane (C22)	13.710	2708793	19.730 ug/ml
14) T n-Tetracosane (C24)	14.807	2644232	19.451 ug/ml
15) T n-Hexacosane (C26)	15.824	2516735	18.957 ug/ml
16) T n-Octacosane (C28)	16.770	2439842	18.857 ug/ml
17) T n-Tricontane (C30)	17.652	2364273	19.176 ug/ml
18) T n-Dotriacontane (C32)	18.480	2196939	19.933 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2044275	20.622 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1942793	21.600 ug/ml
21) T n-Octatriacontane (C38)	20.710	1849746	22.264 ug/ml
22) T n-Tetracontane (C40)	21.574	1938119	23.043 ug/ml

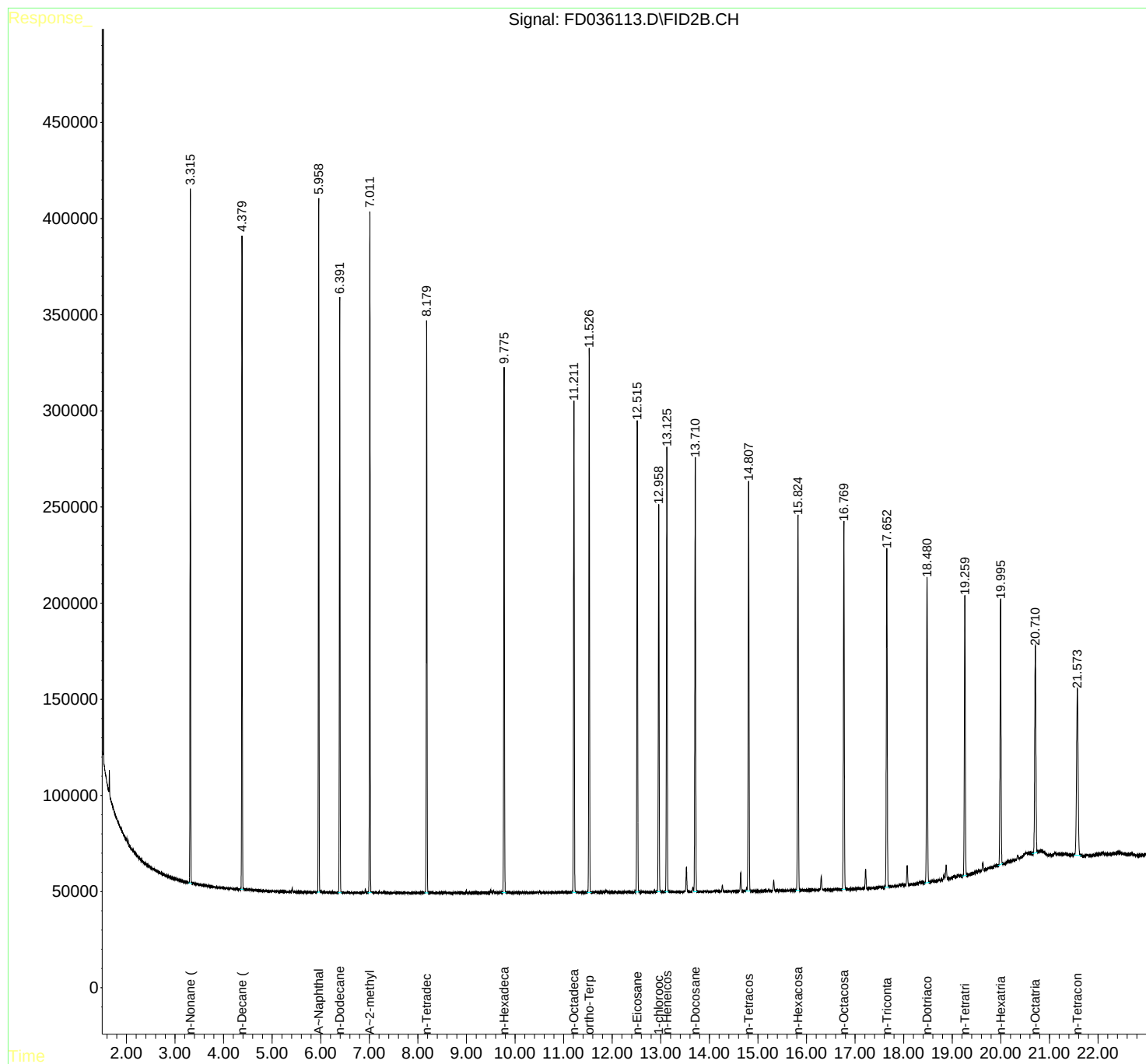
(f)=RT Delta > 1/2 Window

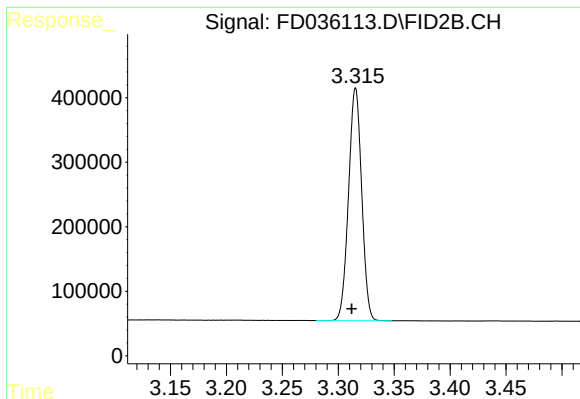
(m)=manual int.

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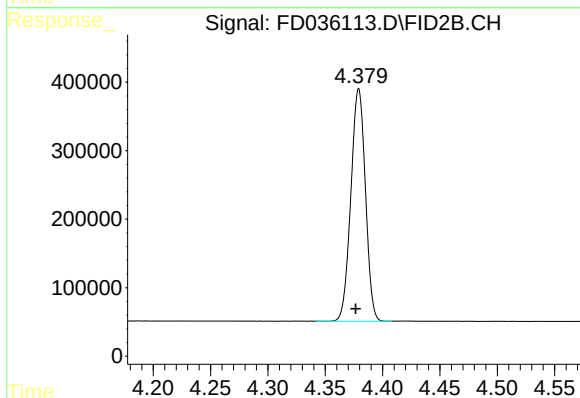
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





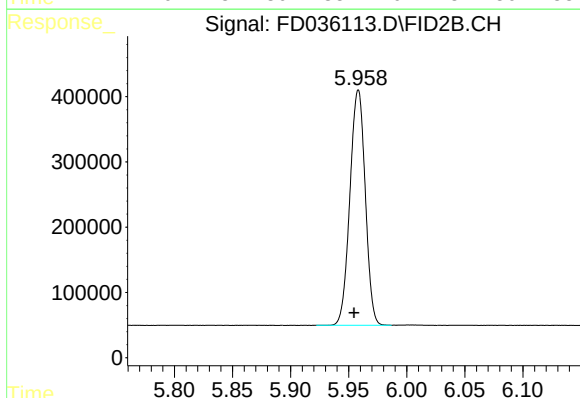
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.004 min
Response: 2954260
Conc: 22.92 ug/ml



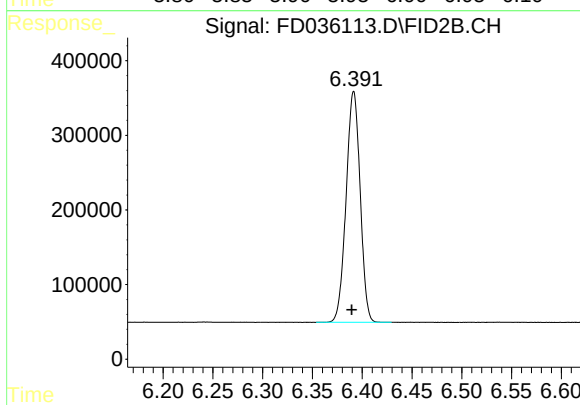
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.003 min
Response: 2994190
Conc: 23.01 ug/ml



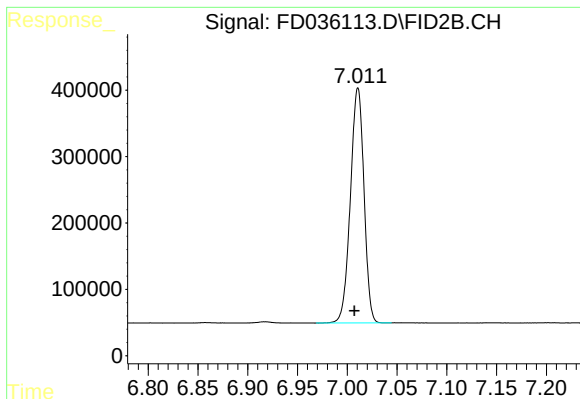
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.004 min
Response: 3314354
Conc: 22.63 ug/ml



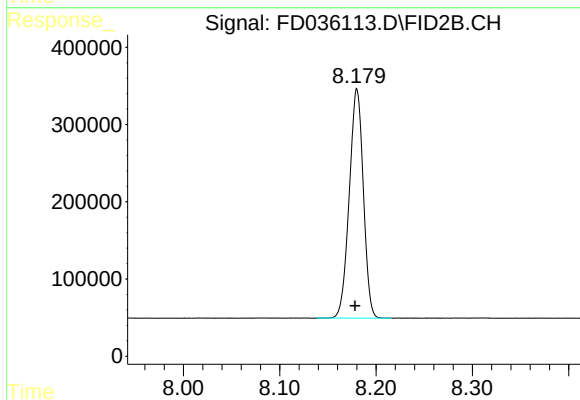
#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: 0.002 min
Response: 3040821
Conc: 22.87 ug/ml



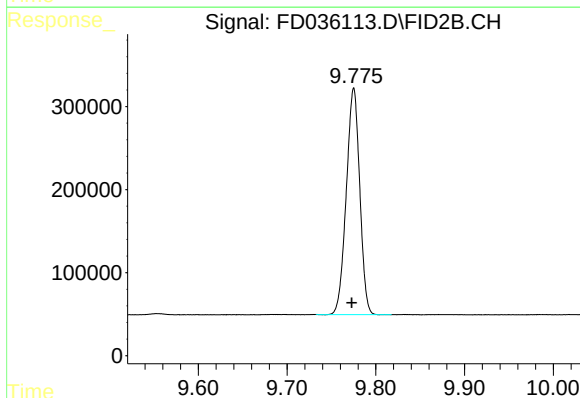
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: 0.004 min
Response: 3360219
Conc: 22.37 ug/ml



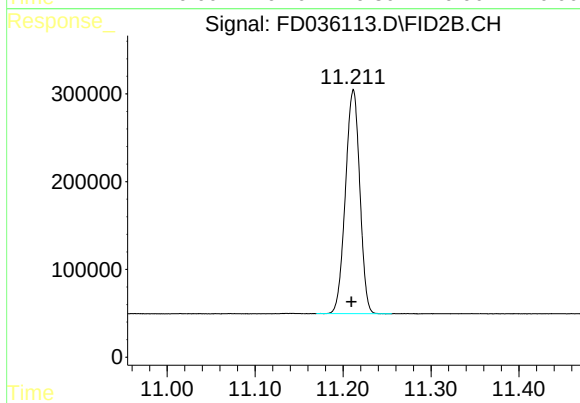
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 2998678
Conc: 22.44 ug/ml



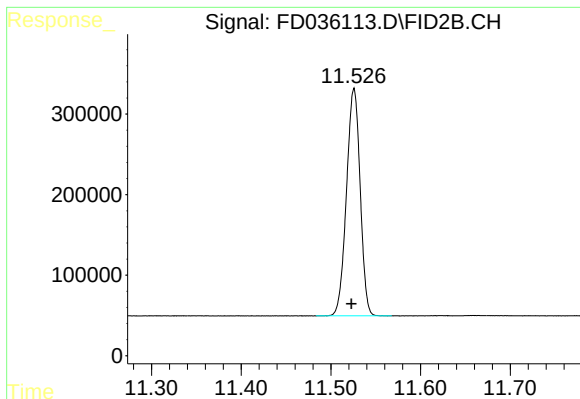
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 2871338
Conc: 21.70 ug/ml



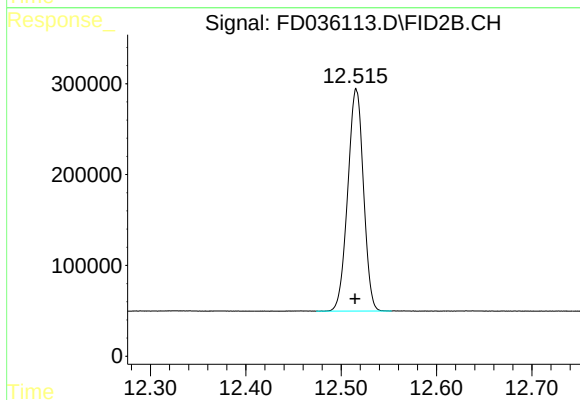
#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.002 min
Response: 2894872
Conc: 21.04 ug/ml



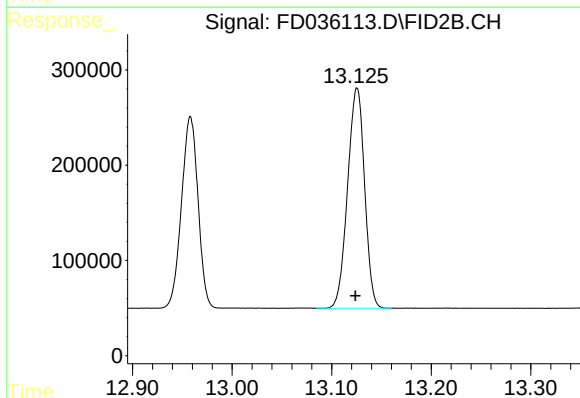
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.003 min
Response: 2989514
Conc: 20.17 ug/ml



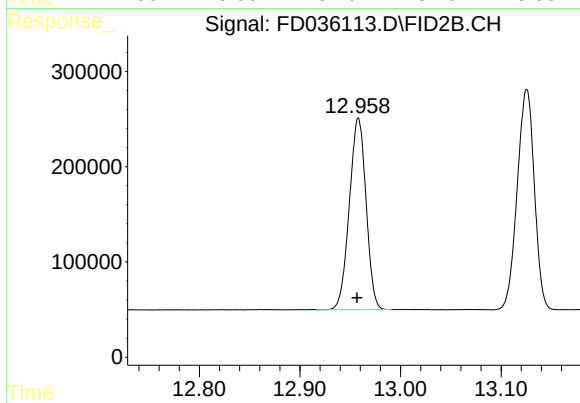
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: 0.001 min
Response: 2805740
Conc: 20.31 ug/ml



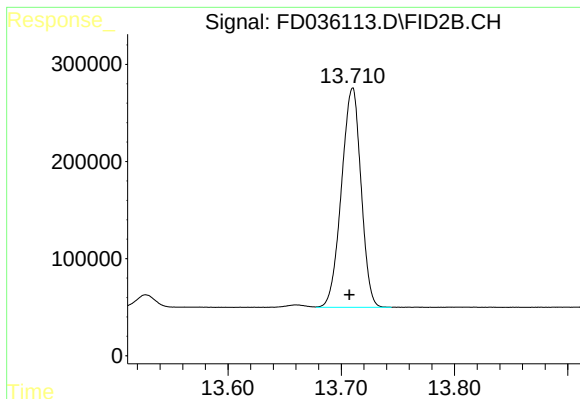
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: 0.002 min
Response: 2739877
Conc: 19.83 ug/ml



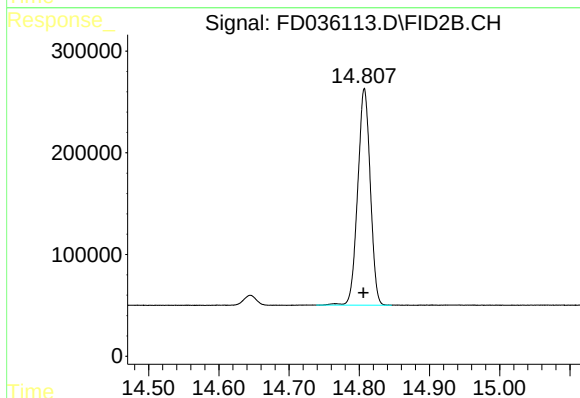
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: 0.002 min
Response: 2322562
Conc: 19.75 ug/ml



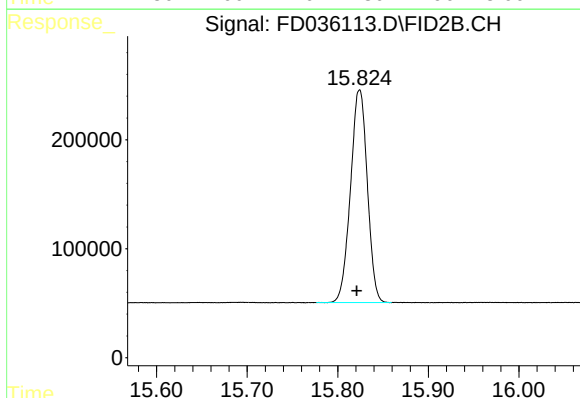
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: 0.003 min
Response: 2708793
Conc: 19.73 ug/ml



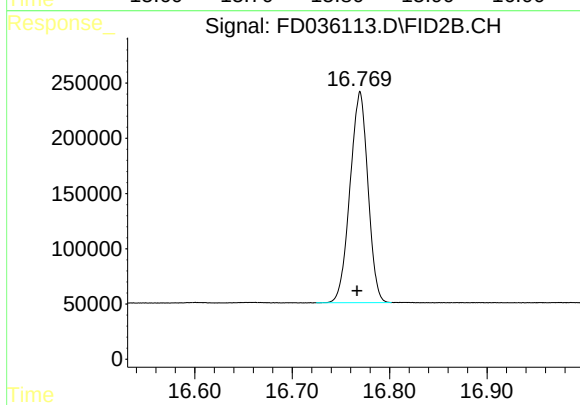
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: 0.001 min
Response: 2644232
Conc: 19.45 ug/ml



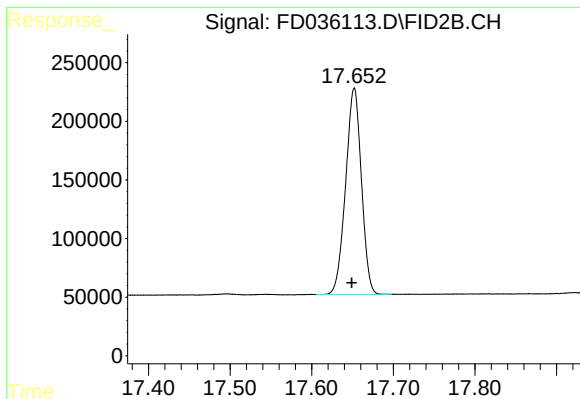
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.003 min
Response: 2516735
Conc: 18.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.003 min
Response: 2439842
Conc: 18.86 ug/ml



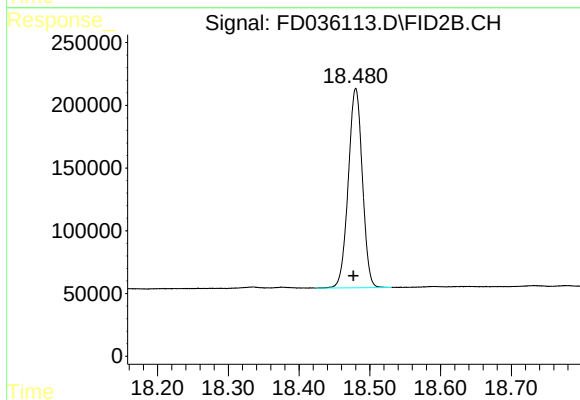
#17 n-Tricontane (C30)

R.T.: 17.652 min

Delta R.T.: 0.003 min

Response: 2364273

Conc: 19.18 ug/ml



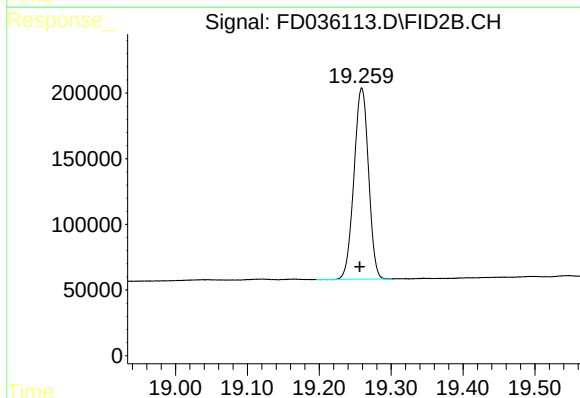
#18 n-Dotriacontane (C32)

R.T.: 18.480 min

Delta R.T.: 0.003 min

Response: 2196939

Conc: 19.93 ug/ml



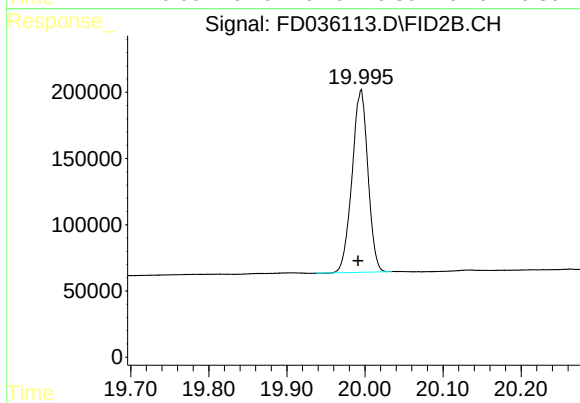
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min

Delta R.T.: 0.003 min

Response: 2044275

Conc: 20.62 ug/ml



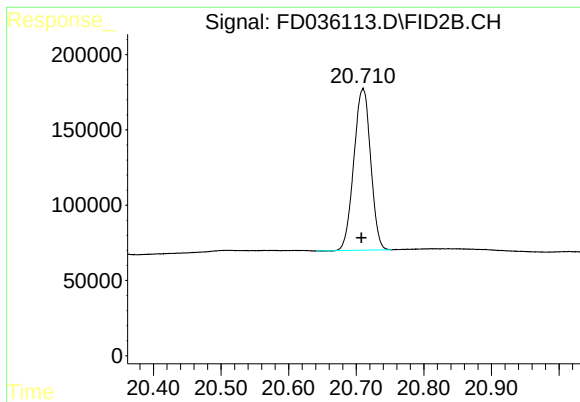
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min

Delta R.T.: 0.004 min

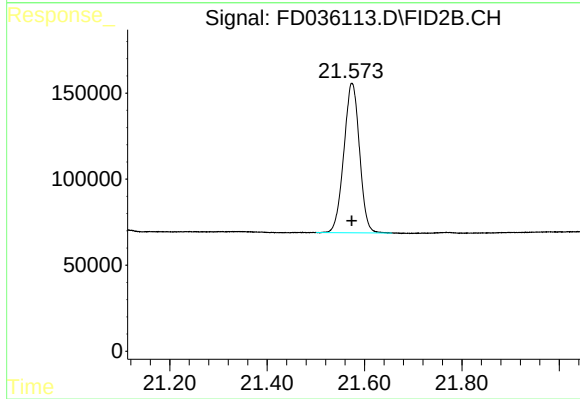
Response: 1942793

Conc: 21.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.003 min
Response: 1849746
Conc: 22.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: 0.000 min
Response: 1938119
Conc: 23.04 ug/ml